

**On-line Supplement Tab. 1.** Relevés of *Ericastrum virgati centauretosum tauromenitanae* facies with *Silene fruticosa*. Life forms: T – Therophytes; Ch – Chamaephytes; H – Hemicryptophytes; G – Geophytes; P – Phanerophytes; NP – Nanophanerophytes. Chorologic element: Med. – Mediterranean; End. sic. – Endemic to Sicily; End. It.-sic. – Endemic to Italy and Sicily; Euro-Med. – Euro-Mediterranean; Euro-Med.-Iran.-Tur – Euro-Mediterranean-Irano-Turanian; Med.-Atl. – Mediterranean-Atlantic; Med.-Trop. – Mediterranean-Tropical; Neotrop. – Neotropical; Paleotemp. – Paleotemperate. Aspect: S – south; W – west; NE – northeast; SE – southeast. Rock type: UG – Limestone and dolomite with biocalcareites and brachiopods gray; UT- Limestone and dolomite with rudites clasts of quartz at the base. Localities and date of the relevés: Rel. 1–3, Monte Petroso, 20.03.2012; Rel. 24, Monte Veneretta, 01.05.2010; Rel. 25–26, Monte Veneretta, 23.08.2010; Rel. 27–35, Monte Veneretta, 10.06.2012; Rel. 41–45, Costa Ogliastro, 30.04.2012. According to the Braun-Blanquet method in each relevé the complete list of vascular plant species was recorded and for each species the cover value (percentage of soil surface) was assessed (+: <1% cover; 1: 1–5% cover; 2: 5–25% cover; 3: 25–50% cover; 4: 50–75% cover; 5: >75% cover).

Localities	1	1	1	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5
Relevé number	1	2	3	24	25	26	27	28	29	30	31	32	33	34	35	41	42	43	44	45
Surface (mq)	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
Coverage (%)	80	90	95	70	70	80	80	80	80	80	80	85	75	90	75	80	85	80	90	90
Aspect	S	E	S	SE	NE	SE	N	N	N	E	E	SE	E	E	E	E	NE	NE	E	E
Slope (°)	60	70	60	90	80	90	80	70	80	90	85	80	90	85	80	90	90	80	90	90
Rock type	OMc	OMc	OMc	OMc	UT	UT	UT	UT	UT	UT	UT	UT	UT	UT	UT	UT	UT	UT	UT	UT
Altitude (m)	467	466	460	852	805	800	760	761	763	766	770	796	807	790	788	458	452	444	434	409
Distance from sea (m)	2210	2210	2210	2700	2700	2700	2762	2762	2762	2762	2700	2700	2700	2700	2700	1852	1850	1840	1555	1555
N. species	22	22	20	20	30	32	21	21	19	28	24	28	29	32	31	17	18	21	23	24
Char. Ass.																				
End. It.-sic. H scap																				
End. sic. Ch frut																				
E Med. Ch suffr																				

On-line Supplement Tab. 1. – continued

[illegible]

On-line Supplement Tab. 1. – continued

[illegible]

On-line Supplement Tab. 1. – continued

[illegible]

[illegible]

ACTA BOT. CROAT. 73 (2), 2014

[illegible]

On-line Supplement Tab. 2. – continued

Localities																																			
Relevé number																																			
E Med.	NP	<i>Phlomis fruticosa</i> L.	+	+	+	-	+	+	1	-	1	1	1	1	1	2	1	1	1	+	-	-	-	-	-	-	-	1	1	2	1	+	+	1	25
O Med.	Ch suffr	<i>Phagnalon saxatile</i> (L.) Cass.	-	-	+	-	-	+	1	+	1	+	+	+	+	1	+	+	+	-	1	+	-	-	-	-	-	+	1	1	1	+	+	+	25
Med.	H scap	<i>Bituminaria bituminosa</i> (L.) E. H. Stirton	+	+	+	-	-	-	-	-	-	-	+	+	+	+	-	+	+	-	+	1	-	+	+	+	1	+	+	+	1	+	+	22	
Med.	Ch frut	<i>Prasium majus</i> L.	+	+	+	-	-	+	1	1	+	+	+	+	1	+	+	-	1	1	-	+	+	+	+	+	+	+	+	+	+	-	-	21	
Med.	Ch suffr	<i>Capparis spinosa</i> subsp. <i>rupestris</i> (Sm.) Nyman	+	+	+	-	-	-	+	1	+	+	-	-	-	-	+	+	1	1	2	+	-	1	1	+	+	+	+	+	-	-	-	19	
O Med.	H caesp	<i>Ampelodesmos mauritanicus</i> (Poir.) T. Durand & Schinz	-	-	-	-	-	+	-	+	-	+	+	+	+	-	1	+	-	-	-	-	-	-	-	-	+	1	2	1	1	1	18		
O Med.	NP	<i>Taureauum fruticosum</i> L.	-	-	-	-	+	1	2	+	+	2	2	1	1	-	1	1	-	-	+	-	-	-	-	-	2	1	1	+	-	-	-	18	
Med.	G bulb	<i>Allium ampeloprasum</i> L.	-	-	1	+	+	-	+	+	+	+	+	+	+	-	-	-	-	-	-	1	+	+	+	-	-	-	-	-	-	+	-	-	18
Med.	Ch suffr	<i>Ruta chalepensis</i> L.	+	1	+	-	-	-	+	1	1	+	+	-	+	1	-	-	-	-	-	+	+	-	-	1	1	+	+	+	-	-	-	-	17
Neotrop.	P succ	<i>Opuntia ficus-indica</i> (L.) Mill.	1	+	-	-	-	-	+	1	+	+	-	-	-	-	1	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-	17
Med.	P caesp	<i>Olea europaea</i> L. var. <i>syvestris</i> (Mill.) Lehr	1	+	-	-	-	+	1	1	+	-	+	1	2	+	-	+	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	15
End. It.-sic.	H scap	<i>Galium aetnium</i> Biv.	-	-	-	+	+	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	+	1	1	1	1	1	1	1	14	
Med.	H scap	<i>Silene vulgaris</i> (Moench) Garcke subsp. <i>tenoreana</i> (Colla) Soldano & F. Conti	+	+	+	+	+	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	+	-	-	-	-	-	12	
Med.	NP	<i>Bupleurum fruticosum</i> L.	-	-	1	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	+	+	+	1	11		
Med.	NP	<i>Eruerus major</i> Mill. subsp. <i>emeroides</i> (Boiss. & Spruner) Soldano & F. Conti	-	-	-	+	+	+	1	+	+	+	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	
Med.	H scap	<i>Reichardia picroides</i> (L.) Roth	-	-	-	-	-	+	-	+	-	+	+	+	-	+	+	+	-	+	-	+	-	-	-	-	-	+	-	-	-	-	-	-	10
Med.	G bulb	<i>Charybdis pancration</i> (Steinh.) Speta	-	-	-	-	-	+	+	-	-	+	+	+	-	+	+	+	+	-	+	+	+	-	-	-	-	-	-	-	-	-	-	-	9
Med.	H scap	<i>Lobularia maritima</i> (L.) Desv.	-	-	-	+	-	-	+	-	-	-	-	-	-	+	-	+	-	+	-	+	-	-	-	-	-	-	-	-	-	-	-	-	8
End. It.-sic.	Ch suffr	<i>Gypsophila arrostif</i> Guss.	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	+	1	+	1	+	-	-	8
Med.	H scap	<i>Ferula communis</i> L.	-	-	-	+	+	-	+	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	+	+	+	-	-	-	-	-	8
Med.	P caesp	<i>Rhamnus alaternus</i> L.	-	-	-	+	+	-	-	-	+	+	-	+	-	+	+	-	+	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	7

ACTA BOT. CROAT. 73 (2), 2014

[illegible]



**On-line Supplement Tab. 3.** Relevés of *Erucastrum virgati dianthetosum siculi*. Life forms: T – Therophytes; Ch – Chamaephytes; H – Hemicroptophytes; G – Geophytes; P – Phanerophytes; NP – Nanophanerophytes. Chorologic element: Med. – Mediterranean; End. sic. – Endemic to Sicily; End. It.-sic. – Endemic to Italy and Sicily; Euro-Med. – Euro-Mediterranean; Euro-Med.-Iran.-Tur – Euro-Mediterranean-Irano-Turanian; Med.-Atl. – Mediterranean-Atlantic; Med.-Trop. – Mediterranean-Tropical; Neotrop. – Neotropical; Paleotemp. – Paleotemperate. Aspect: S – south; W – west; NE – northeast; SE – southeast. Rock type: UG – Limestone and dolomite with biocalcarenes and brachiopods gray; UT – Limestone and dolomite with rudites clasts of quartz at the base. Localities and date of the relevés: Rel. 57–59, Monte Galfà, 25.06.2012; Rel. 60–61, Monte Galfà, 26.07.2012. According to the Braun-Blanquet method in each relevé the complete list of vascular plant species was recorded and for each species the cover value (percentage of soil surface) was assessed (+: <1% cover; 1: 1–5% cover; 2: 5–25% cover; 3: 25–50% cover; 4: 50–75% cover; 5: >75% cover).

Localities		9	9	9	9	9	9	9
Relevé number		57	58	59	60	61		
	Aspect	W	S	NE	S	SE		
	Slope (°)	90	90	90	80	80		
	Rock type	UG	UG	UT	UT	UT		
	Altitude (m)	928	917	920	723	719		
	Distance from sea (m)	6700	6700	6700	6300	6300		
	N. species	18	22	18	24	22	Freq.	
Char. Ass.								
End. It.-sic.	H scap	<i>Erucastrum virgatum</i> (J. & C. Presl) C. Presl						5
Char. <i>Dianthion rupicolae</i>								
E Med.	Ch suffr	+	+	+	1	1	1	5
End. sic.	Ch suffr	2	2	1	2	1	2	5
C Med.	Ch suffr	+	1	–	+	1	+	4
End. sic.	H scap	–	1	+	+	+	+	4
End. sic.	Ch frut	1	+	–	–	–	–	2
Char. <i>Asplenietea trichomanis</i> and <i>Asplenietalia glandulosi</i>								
Med.	Ch frut	1	2	2	+	1	+	5
SO-Med.	H scap	2	1	3	+	1	+	5
S Med.	H ros	1	1	+	1	+	+	5
Hypochoeris laevigata (L.) Ces.								

On-line Supplement Tab. 3. – continued

		Localities									
		Relevé number	9	9	9	9	9	9	9	9	9
			57	58	59	60	61				
C Med.	Ch frut	<i>Ballota hispanica</i> (L.) Benth.	1	1	+	+	+	1	5		
Euro-Med.	Ch succ	<i>Sedum dasyphyllum</i> L.	–	1	+	+	+	+	4		
C Med.	Ch frut	<i>Lomelosia cretica</i> (L.) Greuter & Burdet	–	–	–	3	3	3	2		
Euro-Med.-Iran.-Tur	H ros	<i>Ceterach officinarum</i> Willd.	–	+	+	–	–	–	2		
		Other species									
End. It.-sic.	Ch suffr	<i>Micromeria graeca</i> (L.) Benth. ex Rehb. subsp. <i>consentina</i> (Ten.) Guinea	1	1	1	+	+	+	5		
E Med.	NP	<i>Phlomis fruticosa</i> L.	1	1	2	1	1	1	5		
End. It.-sic.	H scap	<i>Galium aetnium</i> Biv.	+	+	1	+	+	+	5		
Med.	H scap	<i>Silene vulgaris</i> (Moench) Garcke subsp. <i>tenoreana</i> (Colla) Soldano & F. Conti	+	+	+	+	+	+	5		
Med.	NP	<i>Emerus major</i> Mill. subsp. <i>emeroides</i> (Boiss. & Spruner) Soldano & F. Conti	1	+	–	+	+	1	4		
End. It.-sic.	Ch suffr	<i>Gypsophila arrostii</i> Guss.	–	+	+	+	+	+	4		
O Med.	Ch suffr	<i>Phagnalon saxatile</i> (L.) Cass.	–	–	+	+	+	+	3		
Med.	NP	<i>Bupleurum fruticosum</i> L.	+	1	1	–	–	–	3		
Euro-Med.	H caesp	<i>Festuca circummediterranea</i> Patzke	+	1	1	–	–	–	3		
Med.	NP	<i>Euphorbia dendroides</i> L.	–	–	–	+	+	+	2		
O Med.	H caesp	<i>Ampelodesmos mauritanicus</i> (Poir.) T. Durand & Schinz	–	–	–	1	+	+	2		
Med.	P caesp	<i>Olea europaea</i> L. var. <i>sylvestris</i> (Mill.) Lehr	–	–	–	+	1	1	2		
Med.	P caesp	<i>Rhamnus alaternus</i> L.	–	1	–	+	–	–	2		
Med.	P scap	<i>Quercus ilex</i> L.	+	+	–	–	–	–	2		
Med.	G bulb	<i>Allium ampeloprasum</i> L.	–	–	–	–	+	+	1		
Med.	H caesp	<i>Melica minuta</i> L.	–	–	–	+	–	–	1		
Med.	P caesp	<i>Pistacia terebinthus</i> L.	–	–	–	+	–	–	1		
Med.	NP	<i>Coronilla valentina</i> L.	1	–	–	–	–	–	1		